

New PCT Application
Docket No.: 90500-000067/US

IN THE ABSTRACT

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ABSTRACT

This invention proposes a manufacturing process for a transponder in the form of a card or a label able to resist to flexions or twisting without interrupting the connections of the electronic components. The process of assembling at least one electronic component including sensibly flat conductive areas that are connected to conductive tracks placed on the surface of a generally flat substrate comprises the steps of placing the substrate on a work surface, the face including conductive tracks being oriented upwards, placing the electronic component into a cavity of the substrate situated in a zone including the conductive tracks, the conductive areas of the component coming into contact with the corresponding tracks of the substrate and applying a layer of insulating material which extends at once on the electronic component and at least on a substrate zone surrounding said component. This process implies that the contact between the conductive areas of the electronic component and the conductive tracks of the substrate realizes an electric connection ensured by the pressure of application of the insulating material layer on the electronic component.

Figure 3